

INFORMATION DISCLOSURE STATEMENT PURSUANT TO
37 C.F.R. §§1.97-1.99

PATENT APPLICATION

Applicant(s): Timothy W. Budell *et al.*

Docket No.: END920030005US1

FOR: RADIAL CONTACT PAD FOOTPRINT AND WIRING FOR ELECTRICAL COMPONENTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.99, Applicant(s) hereby notifies the U.S. Patent and Trademark Office of the documents listed on the attached Form PTO-1449. One copy of each cited document is submitted herewith. Applicant respectfully submits that all pending claims are patentable over the foregoing references, alone or in combination. The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant reserves the right to dispute any of the listed documents as prior art during examination. Further, Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. Furthermore, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist. This Information Disclosure Statement is being filed within three months of the filing date of the captioned patent application, and therefore no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

Respectfully submitted,

Dated: 06/27/2003

By Jack P. Friedman
Jack P. Friedman
Reg. No. 44,688

Enclosures: PTO-1449
Patent copies

INFORMATION DISCLOSURE CITATION*(Use several sheets if necessary)*ATTY DOCKET NO.
END920030005US1

SERIAL NO.

Timothy W. Budell et al.

FILING

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,841,191	11/1998	Chia et al.			
	5,491,364	2/1996	Brandenburg et al.			
	5,490,040	2/1996	Gaudenzi et al.			
	4,495,377	1/1985	Johnson et al.			
	4,195,195	3/1980	de Miranda et al.			
	3,833,838	9/1974	Christiansen			
	3,795,845	3/1974	Cass et al.			
	3,716,761	2/1973	Rotast			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2000208665	7/2000	Japan				
	2000124259	4/2000	Japan				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Gasparini et al., A METHOD OF DESIGNING A GROUP OF BUMPS FOR C4 PACKAGES TO MAXIMIZE THE NUMBER OF BUMPS AND MINIMIZE THE NUMBER OF PACKAGE LAYERS, 1994, pages 695-699.
		Milliken, JC Parslow, J, ELECTRODE PATTERN, December 1968, Article 29 of 32, 1 page, TDB 12-68 p805 (PUBNAME).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			Balyoz, J Gruodis, AJ, DENSIFIED WIRING CHANNELS DESIGN CONCEPT, December 1974, Article 1 of 1, 1 page, TDB 12-74 p 1958-1959 (PUBNAME).

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